CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at Fax \$14,703.872.9306 on August 16, 2005.

Sue Bromaghim

August 16, 2005

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CUSTOMER NO. 36257

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AUG 1 6 2005

Applicants:

Jeffrey CRAIG et al.

Title:

Method and Apparatus for Dynamic Degradation Detection

Application No.:

10/051,833

Filing Date:

January 16, 2002

Examiner:

Scott T. BADERMAN

Group Art Unit:

2113

Docket No.:

SNDK.411US0

Conf. No.:

1181

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL OF RESPONSE

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

1. This Transmittal Letter (in duplicate);

2. Response to Final Office Action and Interview Summary (for which no fee is due).

Please charge any additional fees required or credit any overpayment to Deposit Account No. 502664. This authorization is provided in duplicate.

Respectfully submitted,

Gerald P. Parsons Reg. No. 24,486 Date

August 16, 2005

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RESPONSE TO FINAL OFFICE ACTION and INTERVIEW SUMMARY

Sir:

This responds to the final Office Action dated June 3, 2005, setting a period for response expiring on September 3, 2005.

Amendments to the Specification are not being made.

Amendments to the Claims begin on page 2 of this paper.

Amendments to the Drawings are not being made.

Remarks begin on page 11 of this paper.

Attorney Docket No.: SNDK.411US0

Application No.: 10/051,833

- 1 of 13 -